

ABSTRACT OF THE DISCLOSURE

In an image-processing employing a dither matrix a basic dither pattern is formed of a set of a plurality of basic patterns each including a plurality of pixels. In a single basic pattern a single pixel is assigned 1
5 serving as a number indicating an order followed to illuminate a dot in the dither matrix. When basic dither patterns are arranged longitudinally and laterally a location remotest from any pixel assigned a number is selected and a pixel at that location is assigned a subsequent number. This series of operations is repeated. When there is no basic pattern that
10 is not assigned a number, in basic pattern a number indicating an order followed to illuminate a dot is assigned to allow the dither matrix to a dither matrix of dot convergence type. Thus a dither matrix allowing an image processing apparatus to satisfactorily reproduce an image can be
15 created.